

ABSTRACT OF THE DISCLOSURE

A system to monitor light emitting diodes (LEDs) in a printbar is described. The system integrates photodetectors into a printer or into the printbar itself such that as the printbar ages, the photodetectors can detect the decrease in intensity of the LEDs in the printbar and recalibrate driver circuits providing power to each LED. The recalibrated power output of each driver circuit compensates for nonuniformities in the LEDS that result from uneven aging of the LEDs.